

VII. Scientific Equipment

Section VII of the Modifications of Activities Planned for 1998-99 lists additions and deletions to the principal scientific equipment available at McMurdo, South Pole, and Palmer stations and onboard USAP research vessels.

Additions to Scientific Equipment

	<u>McMurdo</u>	<u>SPole</u>	<u>Palmer</u>	<u>LMG</u> ¹	<u>NBP</u> ²	<u>AGO</u> ³	<u>REV</u> ⁴
Astrophysics Aeronomy							
Dewar, Liquid Helium Storage	X						
Dewar, Liquid Nitrogen Storage	X						
Pump, Turbomolecular	X						
Transport, Liquid Nitrogen			X				
Uninterrupted Power Supply (UPS)			X				
Biology							
Autoanalyzer	X				X		
Camera, Digital Still			X				
Camera, Solid State, for Microscopic Image Analysis			X				
Camera, Video, for Microscopy					X		
Centrifuge, Refrigerated					X		
Counter, Liquid Scintillation	X						
Ice Maker			X				
Microbalance					X		

	<u>McMurdo</u>	<u>SPole</u>	<u>Palmer</u>	<u>LMG</u> ¹	<u>NBP</u> ²	<u>AGO</u> ³	<u>REV</u> ⁴
Microscope, Differential Interference Contract (DIC)			X				
Microscope, Image Analysis System			X				
Microplate Reader	X						
Microscope, Inverted, Epifluorescence					X		
Computers							
<u>Macintosh:</u>							
Computer, G3	X						
Computer, iMac	X						
Computer, Quadra, 700	X						
Macintosh, Duo Power PC, Portable				X			
Macintosh Power PC 63					X		
Macintosh Power PC 7100					X		
Macintosh Power PC 7300				X			
Macintosh Power PC 8150					X		
Macintosh Power PC 8600				X			
Macintosh Power PC 9500					X		
<u>Computer:</u>							
Computer, Portable, 586	X						
<u>Workstation:</u>							
SGI 02					X		
Sun Sparc 10	X						
Sun U450	X						
Sun Ultra1	X						
Sun Ultra2	X						

	<u>McMurdo</u>	<u>SPole</u>	<u>Palmer</u>	<u>LMG</u> ¹	<u>NBP</u> ²	<u>AGO</u> ³	<u>REV</u> ⁴
Geology & Geophysics							
Seismic, Benthos, Single Channel					X		
Oceanography/Limnology							
Echo Sounder, Biosonics Acoustic Profiler			X				
Metering Sheave			X				
PDR System, 3.5 and 12 KHz					X		
Winch, Portable, Hand			X				
Lhe Vapor Recovery System		X					
Other:							
Frequency Counter					X	X	
Tracking System, Satellite			X				
Video Camcorder	X		X				

Deletions to Scientific Equipment

	<u>McMurdo</u>	<u>SPole</u>	<u>Palmer</u>	<u>LMG</u> ¹	<u>NBP</u> ²	<u>AGO</u> ³	<u>REV</u> ⁴
Biology							
Compressor, Air, Scuba Tank					X		
Freezer, Walk-in			X				
Laboratory, Portable (for sea ice)	X				X		
Spectrophotofluorometer					X		

	<u>McMurdo</u>	<u>SPole</u>	<u>Palmer</u>	<u>LMG</u> ¹	<u>NBP</u> ²	<u>AGO</u> ³	<u>REV</u> ⁴
Computers							
<u>Macintosh:</u>							
Computer, Classic	X						
Computer, Desktop, LC	X						
Macintosh Power PC 7200				X	X		
<u>PC</u>							
Computer, Portable, XT	X						
Computer, Server, 486					X		
<u>Printers:</u>							
Ink Jet, Monochrome	X				X	X	
<u>Miscellaneous:</u>							
Bernoulli Disk			X				
<u>Workstation</u>							
HP 9000	X						
Geology/Geophysics							
X-Ray Instrument, Whole Core	X						

1 = R/V LAURENCE M. GOULD

2 = R/V NATHANIEL B. PALMER

3 = AUTOMATED GEOPHYSICAL OBSERVATORY

4 = R/V ROGER REVELLE